

IN THE CLAIMS

1. - 130. (Cancelled)

131. (Currently amended) A composition comprising:

a plurality of different amplification products, wherein each different amplification product comprises (a) a first primer specific portion, (b) a second primer specific portion, and (c) an addressable support-specific portion located between the first primer specific portion and the second primer specific portion, wherein the first primer specific portion is the same for each different amplification product and the addressable support-specific portion is different for each different amplification product;

at least two different sequence-specific mobility-modifiers, wherein each different mobility-modifier is capable of sequence specific binding to a different addressable support-specific portion and comprises (a) a tag complement for specifically binding the addressable support-specific portion of one of the plurality of different amplification products, and (b) a tail which imparts to each mobility modifier a mobility that is distinctive relative to the mobilities of one or more of the at least two different mobility-modifiers in a mobility-dependent analysis technique.

132. (Previously presented) The composition of claim 131, wherein all of the addressable support-specific portions are substantially the same length.

133. (Previously presented) The composition of claim 131, wherein at least one sequence-specific mobility modifier comprises a label.

134. (New) The composition of claim 131, wherein the second primer specific portion is the same for each different amplification product.

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